

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of
Hayashi et al.

Serial No. (not assigned)

Examiner (not assigned)

Filed concurrently herewith

Art Unit (not assigned)

For MAGNETORESISTIVE EFFECT SENSOR, METHOD FOR
MANUFACTURING A MAGNETORESISTIVE EFFECT SENSOR,
MAGNETORESISTIVE DETECTION SYSTEM, AND MAGNETORESISTIVE
RECORDING SYSTEM

Assistant Commissioner of Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to calculation of the filing fee, Applicant wishes to amend the application
as follows:

In the Claims:

Please amend claim 3 as follows (a marked up version of claim 3 being
appended hereto):

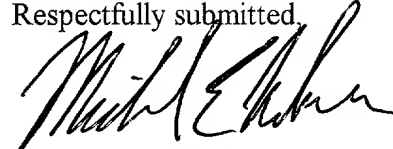
3. A magnetoresistive effect sensor according to claim 1, wherein said lower shield is
made of a material of CoZrTa and CoZrTaCr alloy, as a base.

REMARKS

The amendment avoids multiple dependent claim language and does not
introduce new matter.

Please proceed to examination on the merits.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael E. Whitham". The signature is fluid and cursive, with the first name "Michael" being more prominent.

Michael E. Whitham

Reg. No. 32,635

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Marked-Up Version of the Claims

Claim 3 (once amended). A magnetoresistive effect sensor according to claim 1 [or claim 2], wherein said lower shield is made of a material of CoZrTa and CoZrTaCr alloy, as a base.

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